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Faulkner, Frank David

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RESUME OF FRANK DAVID FAULKNER

Frank D. Faulkner was born on April 6, 1915 in Missouri. He attended Kansas State Teachers College where he received the Bachelor of Science degree in 1940, Kansas State College where he received the Master of Science degree in 1942, and the University of Michigan where he received the Ph.D. degree in 1969.

He was at the Applied Physics Laboratory of Johns Hopkins University during World War II. From 1946 to 1950, he worked as Research Mathematician, most of the time under Professor R. V. Churchill, at the University of Michigan, and studied applied mathematics.



In March 1950, he reported to the Naval Postgraduate School where he is teaching in the Mathematics Department. In December 1971, he was named Distinguished Professor.

His research interests are in the field of calculus of variations, related differential games, trajectories, associated numerical methods in optimum control, and the numerical solution of partial differential equations, particularly applied to problems arising in meteorology. He is the author of a number of articles and reports in these fields.

He is a member of the American Mathematical Society, the Mathematical Association of America, the Society for Industrial and Applied Mathematics, and Sigma Xi.